

SEQUENCE LISTING

<110> SmithKline Beecham S.A.

<120> Novel compounds

<130> BM45395

<160> 4

<170> FastSEQ for Windows Version 3.0

<210> 1

<211> 831

<212> DNA

<213> *Moraxella catarrhalis*

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gccgtctcaa	aaggtaact	tgacccaaat	gccatgcgc	acaaacccct	tcttggaaaa	300
gacagccaaag	aaaaaggccct	aaataacttg	gtcatcgctg	gcaacacccct	tgtataccca	360
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gccgtccaa	atgatccctc	aaacttagct	cgtgcattaa	ttttacttga	aaaacaaggc	480
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ccaaaaaaat	tggtcatcaa	agaagtggat	acctcagttt	ctgctcgatc	aattgacgat	600
gtggacttgg	cagtggtaaa	taacaactat	gcaggtcaag	tagtttaac	agccagtgaa	660
aatggcgttt	ttgttgaaga	taaagactcg	ccttatgtca	atatcatcg	cgctcgatcg	720
gacaataaaag	actctaaggc	catccaagac	tttgtgaaag	cctatcaaac	cgatgaagt	780
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<212> PRT

<213> *Moraxella catarrhalis*

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 35 40 45
 Gln Ala Val Ala Glu Val Ala Gly Gln Val Ala Lys Glu Lys Tyr Asn
 50 55 60
 Leu Thr Val Glu Leu Val Glu Phe Asn Asp Tyr Ala Met Pro Asn Ser
 65 70 75 80
 Ala Val Ser Lys Gly Glu Leu Asp Ala Asn Ala Met Gln His Lys Pro
 85 90 95
 Tyr Leu Glu Lys Asp Ser Gln Glu Lys Gly Leu Asn Asn Leu Val Ile
 100 105 110
 Val Gly Asn Thr Phe Val Tyr Pro Leu Ala Gly Tyr Ser Thr Lys Ile
 115 120 125
 Lys Thr Leu Asn Glu Leu Lys Asp Gly Ala Thr Ile Ala Val Pro Asn
 130 135 140
 Asp Pro Ser Asn Leu Ala Arg Ala Leu Ile Leu Leu Glu Lys Gln Gly
 145 150 155 160
 Leu Ile Lys Leu Lys Asp Asn Thr Asn Leu Phe Ser Thr Thr Leu Asp
 165 170 175
 Ile Val Glu Asn Pro Lys Lys Leu Val Ile Lys Glu Val Asp Thr Ser
 180 185 190
 Val Ala Ala Arg Ala Ile Asp Asp Val Asp Leu Ala Val Val Asn Asn
 195 200 205
 Asn Tyr Ala Gly Gln Val Gly Leu Thr Ala Ser Glu Asn Gly Val Phe
 210 215 220
 Val Glu Asp Lys Asp Ser Pro Tyr Val Asn Ile Ile Val Ala Arg Ala
 225 230 235 240
 Asp Asn Lys Asp Ser Lys Ala Ile Gln Asp Phe Val Lys Ala Tyr Gln
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 Ile Lys Gly Trp
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